

# 2017-2018 Workplan

MassBays-wide accomplishments and plans

*Presented to the MassBays Management Committee*

*July 26, 2017*

# Workplan Components

- **Progress (July 1 2016 to June 30 2017)**
  - Major projects and activities
- **Plans (July 1 2017 to June 30 2018)**
  - New and ongoing projects
- **Budget request (July 1 2017 to June 30 2018)**



# 2016-2017 Progress MassBays-wide

- 3567 acres of habitat restored
- EDA 2.0 completed
- Citizen Monitoring Coordinators' Network launched
- Program Evaluation completed
- More than 50 presentations delivered by MassBays RCs and Central Staff

# Major Completed Projects, Region-Specific

- USGS study of the **effects of sea level rise** on the *Cape Cod* groundwater system published.
- **Social network analysis** of the Boston Harbor Ecosystem Network (formerly Boston Harbor Habitat Coalition), and a new Municipal Working Group in *Metro Boston*.
- A new nonprofit – **Green Crab R&D** – dedicated to leading a culinary-based effort to control invasive green crabs in *Upper North Shore* estuaries and beyond.
- More than 80% of Third Herring Brook on the *South Shore* reopened to fish migration with the removal of 342-year-old **Tack Factory dam**.
- A **plastic bag reduction ordinance** passed in Salem, initiated by teen interns working in the *Lower North Shore* region.



# MassBays Plans

## through June 30, 2018

1. Submit revised CCMP to EPA.
2. Develop a Resource Assessment and Restoration Tool.
3. Address research and data gaps.
4. Support Citizen Monitoring Coordinators' Network.
5. Address environmental and management challenges in all regions.

# 1. Submit Revised CCMP to EPA

- Negotiated stepwise roadmap for meeting 2016 EPA guidance (handout).
- Develop historical timeline, describe progress on 1996 CCMP activities.
- Write context and describe activities (proposed by both by MassBays and partners) under each goal/action.
- Prepare final monitoring framework and finance plan.
- Solicit public comment and final Management Committee endorsement.

*Level of Effort: 30% ED, 10% SS*

## 2. Resource Assessment and Restoration Tool

- Establish environmental targets for the delineated assessment units.
  - Northeastern U. Marine Science Center draft
  - Management Committee/Subcommittee review
  - Regional stakeholder engagement
- Establish process and tools for tracking progress toward targets.
- Connect to State of the Bays reporting.
- Share approach with peers and partners.

*Level of Effort: 25% SS, 20% ED*  
*Subcommittee: Science and Technology*

### 3. Address research and data gaps

- Healthy Estuaries Grant Program
  - Award \$110,000 via 18-month grants in April 2018.
- Support Citizen Monitoring Coordinators' Network
  - For more information: <http://bit.ly/2tHTrdj>
- Coastal acidification monitoring
- Investigate causes of eelgrass loss in Duxbury Bay, connection between plankton and turbidity in Salem Sound
- Document herring and brook trout habitat preference and outmigration
- Establish volunteer monitoring for cyanobacteria blooms and eelgrass mapping

*Level of Effort: 25% SS, 25% ED*



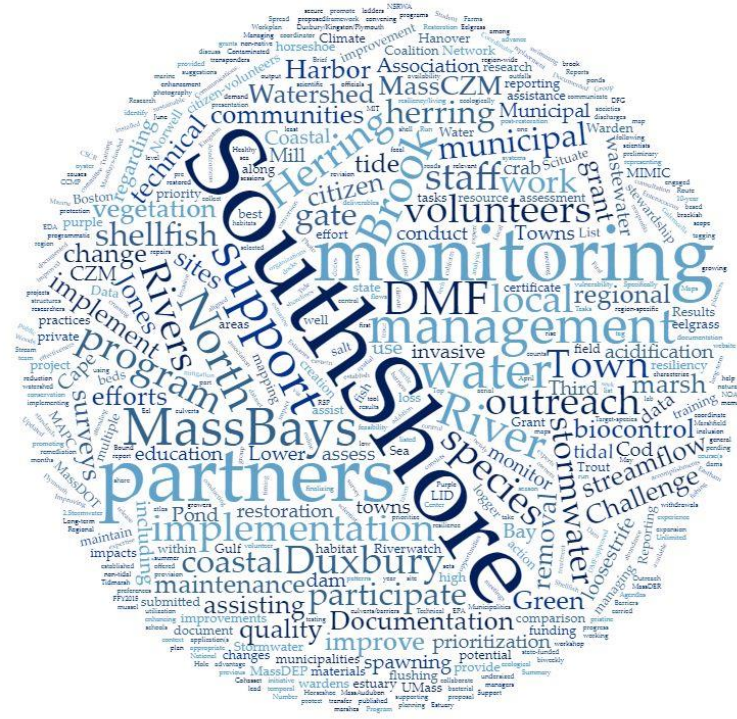
## 4. Support Citizen Monitoring Network

- Co-lead development of national guidance re: data quality assurance.
- Work with EPA and DEP re: QAPP content and review.
- Host professional development workshop and/or communications training.

*Level of Effort: 30% ED, 10% SS*

## 5. Address environmental and management challenges in all regions

- Stormwater and wastewater discharges
- Barriers to streamflow and tidal flushing
- Climate change
- Spread of invasive species

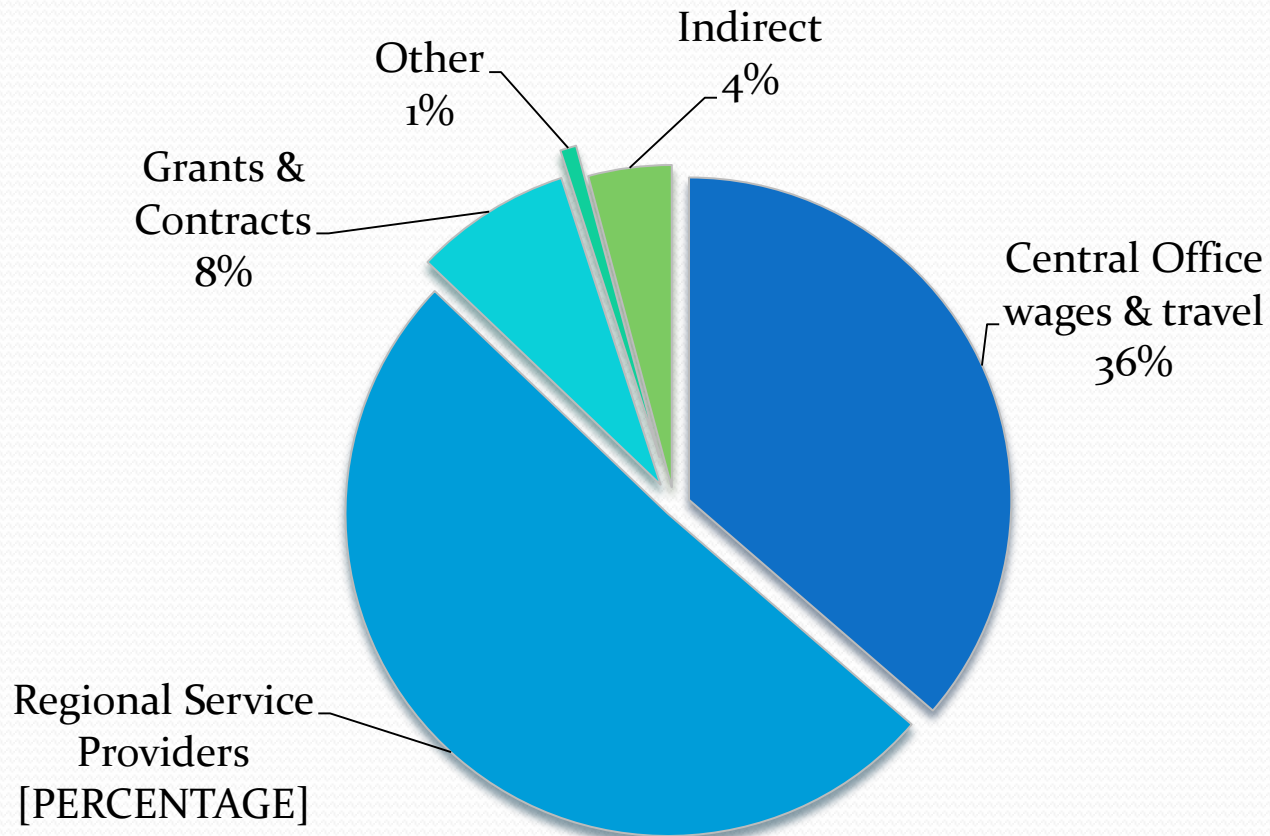


# Budget request, 2017-2018

<b>Salaries &amp; Fringe (Central Boston)</b>	\$212,876
<b>Travel (Central Boston)</b>	\$ 5,177
<b>Contracts</b>	
Communications plan, other CCMP exp.	\$ 15,000
<b>Other</b>	
Regional Service Provider (RSP) grants	\$304,740
Healthy Estuaries Program grants	\$ 32,300
Meeting and shared agency expenses	\$ 4,841
<b>Indirect</b>	
14.64% (salaries + contracts)	\$ 25,066
<b>Total</b>	<b>\$600,000</b>

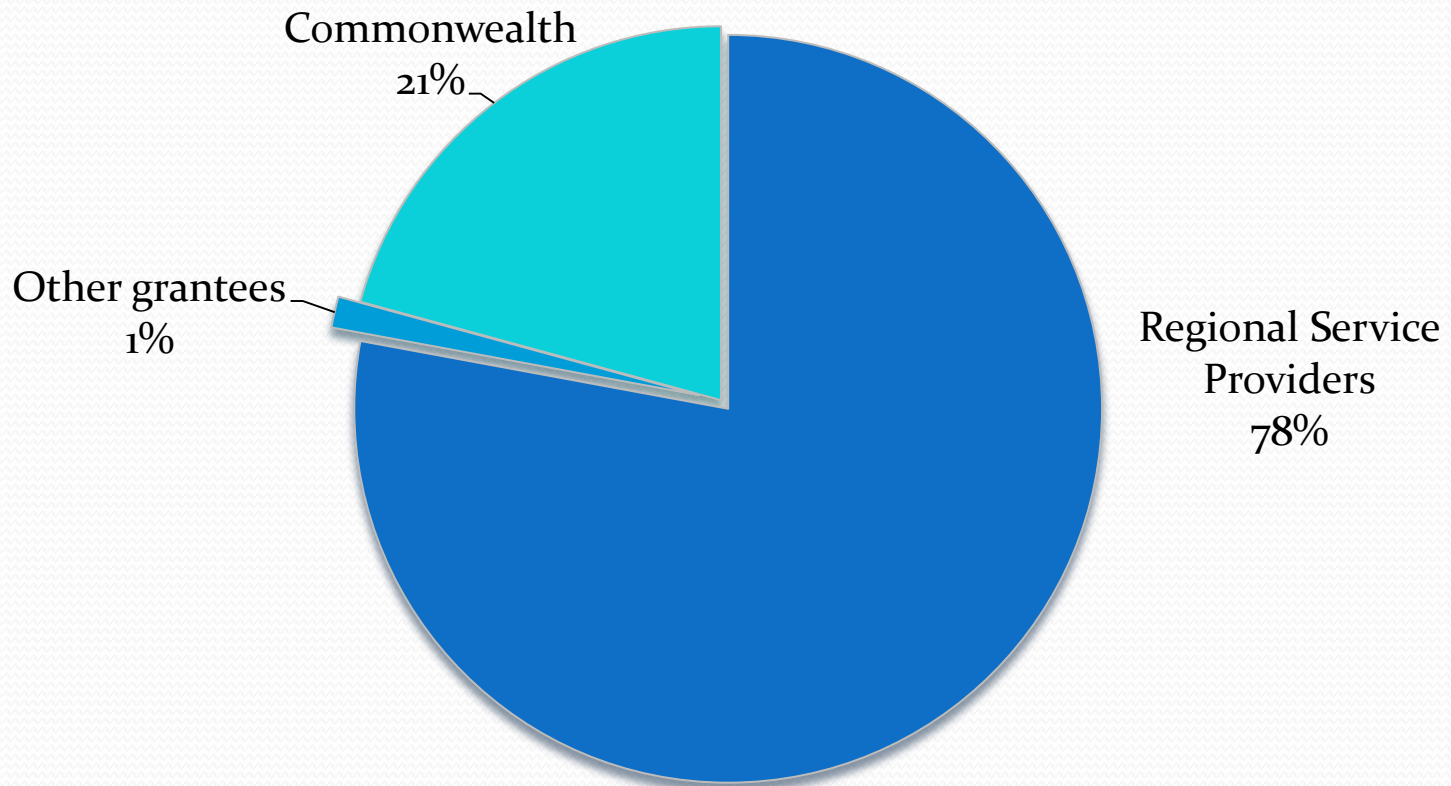
# Budget request, 2017-2018

(\$600,000 total)



# Match Committed, 2017-2018

(\$602,176 total)



# Subcommittee Assignments

- Full Committee
  - Finalize CCMP
- Program Evaluation
  - Wrapping up Program Evaluation based on Findings Letter
- Finance
  - Developing a Finance Plan per EPA guidance
- Science and Technology
  - Leading progress on Goal 3 (setting target conditions)
- Communications
  - Scoping a contract to develop a comprehensive Communications Plan